AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claims 1, 4 and 7 and add new claims 10-14 as follows:

LISTING OF CLAIMS:

1.   (Currently Amended) A memory board comprising:

a printed wiring board having a connector terminal;

a memory device mounted on the printed wiring board, and storing data used by an apparatus to which the printed wiring board [[is]] to be attached; and

a memory controller mounted directly on the printing wiring board for converting a control signal from the apparatus into a control signal suitable for access method specific to mediating data communication between the apparatus and the memory device[[,]]

wherein the controller is a programmable device where the content of the mediation is changeable.

2.   (Original) The memory board as claimed in claim 1, wherein the memory controller converts a control sent from the apparatus into a control compatible with the kind of the memory device.

3.   (Original) The memory board as claimed in claim 1, wherein the memory controller stores a setting information relevant to the memory device and mediates data communication according to the setting information.

4.   (Currently Amended) An image forming apparatus comprising:

a memory board;

a connector for attaching the memory board; and

a controller accessing the attached memory board to perform a control

associated with image formation,

wherein the memory board, which is connected to the connector,

comprises a printed wiring board having a connector terminal; a memory mounted on

the printed wiring board, and storing data used by an apparatus to which the printed

wiring board is attached; and a memory controller mounted directly on the printed

wiring board for converting a control signal from the apparatus into a control signal

suitable for access method specific to ~~mediating data communication between the~~

~~apparatus and~~ the memory device~~, and being a programmable device where the~~

~~content of the mediation is changeable~~.

5.   (Original) The image forming apparatus as claimed in claim 4, wherein

the memory controller converts a control sent from the controller into a control

compatible with the kind of the memory device.

6.   (Original) The image forming apparatus as claimed in claim 4, wherein

the memory controller is programmed by the controller of the image forming

apparatus.

7.   (Currently Amended) A memory board comprising:

a printed wiring board having a connector terminal;

a memory device mounted on the printing wiring board, and storing data used by an apparatus to which the printed wiring board is attached; and

a memory controller <u>mounted directly on the printed wiring board for converting a control signal from the apparatus into a control signal suitable for access method specific to</u> ~~converting a control for the memory device transmitted from the apparatus into a control compatible with the kind of~~ the memory device.

8.   (Original) The memory board as claimed in claim 7, wherein the memory controller is a programmable device where the content of the conversion is changeable.

9.   (Original) The memory board as claimed in claim 7, wherein the memory controller stores a setting information relevant to the memory device and converts control according to the setting information.

10.   (New) The memory board as claimed in claim 1, wherein the memory controller is a programmable device.

11.   (New) The memory board as claimed in claim 4, wherein the memory controller is a programmable device.

12.   (New) The memory board as claimed in claim 7, wherein the memory controller is a programmable device.

13.   (New) The memory board as claimed in claim 1, wherein the memory controller is a programmable device where the content of the conversion is changeable.

14.   (New) The memory board as claimed in claim 4, wherein the memory controller is a programmable device where the content of the conversion is changeable.